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IEEE DySPAN 2012 to Explore Global Advancement of Spectrum Engineering & Smart Radio System Technologies from October 16 – 19, 2012 in Bellevue, Washington
Symposium Includes Four Full Days of Sessions Dedicated to the
Enhanced Use of White Spaces & Global DSA Advances

New York, New York (September 12, 2012) -- The IEEE Symposium on New Frontiers in Dynamic Spectrum Access Networks (DySPAN 2012) will hold its 6th annual event from October 16 – 19, 2012 in Bellevue, Washington dedicated to the international commercialization of smart radio systems, enhanced utilization of "white spaces" and continued advancement of dynamic spectrum access (DSA) technologies. This includes four full days of technical and policy symposia consisting of more than 50 original paper presentations, business panel discussions, live and video demonstrations and new technology poster displays.

"IEEE DySPAN was founded in 2005 to further the discussion of radically new spectrum access technologies," says Dr. Victor Bahl of Microsoft Research, this year's General Chairperson. "Over the past seven years, we have painstakingly worked to prepare the highest quality agenda featuring the field's finest minds. These efforts have not only greatly increased the prominence of this event, but also furthered the international efforts of scientists, researchers and regulators to greatly overcome the spectrum access issues standing in the way of the development of healthy ecosystems worldwide."

Commencing on Tuesday, October 16, IEEE DySPAN 2012 will open with a full day of tutorials dedicated to "Programming Cognitive Radio Using Sora," "Spectrum Consumption Modeling and Model-based Spectrum Management," "TV White Space Standardization Activities," Spectrum Sharing Using Geolocation Databases," and "Hands-on Introductions to USRP Software Defined Radio."
On the following morning, the conference will then proceed with a three-day comprehensive schedule of executive addresses and technical and policy presentations. Among this year's highlights will be the keynotes of numerous leading industry authorities such as Henry Tirri, CTO & Executive Vice President of Nokia; Mark Gorenberg, Managing Director of Hummer Winblad Venture Partners; Charles R. Kalmanek, Vice President-Research of AT&T Services, Inc.; Vanu Bose, President & CEO of Vanu, Inc.; and Rajesh Pankaj, Senior Vice President, Engineering of Qualcomm Research. Another significant event will be the high-level panel discussion on "Standards Support for Dynamic Spectrum Access" presented by representatives of the Wireless Innovation Forum and industry experts specializing in the development of TV White Space-enabled spectrum solutions.

From Wednesday, October 17 through Friday, October 19, IEEE DySPAN 2012 will also entail numerous technical and plenary sessions focused on the research of noted scientists representing

institutions like the University of Oslo, Motorola Solutions, Kings College London, Microsoft Research Lab Asia, RWTH Aachen University Germany, Ericsson Research, Beijing University of Posts and Telecommunications, Texas A&M University in Qatar, Alcatel-Lucent Bell Labs and the University Politehnica in Bucharest. Specific topics to be discussed include "Using TV Receiver Information to Increase Cognitive White Space Spectrum," "Enable Flexible Spectrum Access with Spectrum Virtualization," "Femto Cell Architectures for Robust Communication Using Whitespaces," "Dynamic Spectrum Access in Heterogeneous LTE+ Networks," "Opportunistic Spectrum Access in TVWS" and "Mechanisms for LTE Coexistence in TV White Space."

In addition, other conference highlights include the presentation of cutting-edge demonstrations showcasing the performance of various dynamic spectrum access tasks ranging from control channel establishment, network-blind handover to interference cancellation and security enforcement. Discussed will be the latest techniques for "Enforcing Dynamic Spectrum Access with Spectrum Permits," "Designing and Implementing an Underlay Control Channel for Cognitive Radios," "Demonstrating Radio Environment Map Construction from Massive Data Sets" and creating "Receiver-driven Handover between Independent Networks."

For more information on IEEE DySPAN 2012, please visit www.ieee-dyspan.org/2012 or contact Heather Ann Sweeney of the IEEE Communications Society (ComSoc) at 212-705-8938 or h.sweeney@comsoc.org. Interested parties are also welcome to follow IEEE DySPAN 2012 happenings or reach out to international colleagues via links to Twitter, LinkedIn and Facebook on the conference website.

The IEEE Communications Society has over 50,000 members and is the second largest of IEEE's 38 technical societies. Founded in 1952, it has become the major international forum for the exchange of ideas on communications and information networking.

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